

## **ABSTRACT OF THE DISCLOSURE**

A molar tube having a first face portion that is adapted to be adhered to a molar tooth, a second face portion, and a mesial-distal length dimension. There is a body portion disposed on the second face portion of the base portion, and the body portion comprises an upper portion and a lower portion. The body portion further comprises a lumen that is adapted to receive an archwire, wherein the lumen has an axis which substantially coincides with the mesial-distal length dimension of the base portion. The body portion further comprises a boss comprising a threaded bore that is adapted to receive a setscrew, wherein the threaded bore has an axis. The axis of the threaded bore intersects with the mesial-distal length dimension to form an angle of any degree between 15 degrees and 55 degrees, including every degree therebetween. A molar tube according to the invention allows for easy adjustment of the tension in an archwire used in an orthodontic dental treatment, and provides for the painless withdrawal of the archwire at any time during or following the treatment.